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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=6; day=16; hr=13; min=46; sec=50; ms=640; ]

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Reviewer Comments:

1.

W112 Upper case found in data; Found at position(31) SeqId(5)

W112 Upper case found in data; Found at position(32) SeqId(5)

W112 Upper case found in data; Found at position(33) SeqId(5)

E259 Found undefined lettercode; POS (35) SEQID(5)

E259 Found undefined lettercode; POS (36) SEQID(5)

E259 Found undefined lettercode; POS (37) SEQID(5)

E259 Found undefined lettercode; POS (38) SEQID(5)

E259 Found undefined lettercode; POS (39) SEQID(5)

E259 Found undefined lettercode; POS (40) SEQID(5)

E259 Found undefined lettercode; POS (41) SEQID(5)

E259 Found undefined lettercode; POS (42) SEQID(5)

E254 The total number of bases conflicts with running total,  
Input: 1, Calculated : 42 SEQID(5)

W112 Upper case found in data; Found at position(42) SeqId(5)

W112 Upper case found in data; Found at position(43) SeqId(5)

W112 Upper case found in data; Found at position(44) SeqId(5)

E259 Found undefined lettercode; POS (46) SEQID(5)

E259 Found undefined lettercode; POS (47) SEQID(5)

E259 Found undefined lettercode; POS (48) SEQID(5)

E259 Found undefined lettercode; POS (49) SEQID(5)

E259 Found undefined lettercode; POS (50) SEQID(5)

E259 Found undefined lettercode; POS (51) SEQID(5)

E259 Found undefined lettercode; POS (52) SEQID(5)

E259 Found undefined lettercode; POS (53) SEQID(5)

E254 The total number of bases conflicts with running total,  
Input: 1, Calculated : 53 SEQID(5)

E253 The number of bases differs from <211> Input: 31  
Calculated:53 SEQID (5)

```
<210> 5
<211> 31
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Primer
* * * * *
BOS2 740738.1
BOS2 740738.1
```

The Sequence Listing file must end at the bottom of the last SEQ ID #. There can be no extra information following the last SEQ ID # in the file. Please remove extra information, "BOS2 740738.1" and "BOS2 740738.1", found at the end of the file, after SEQ ID # 5.

```
W213      Artificial or Unknown found in <213> in SEQ ID (1)
W213      Artificial or Unknown found in <213> in SEQ ID (2)
W213      Artificial or Unknown found in <213> in SEQ ID (3)
W213      Artificial or Unknown found in <213> in SEQ ID (4)
W213      Artificial or Unknown found in <213> in SEQ ID (5)
```

The warnings shown above are ok and require no response.

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Application No: 10510592 Version No: 1.0

Input Set:

Output Set:

Started: 2009-06-08 13:36:58.000  
 Finished: 2009-06-08 13:37:01.378  
 Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 378 ms  
 Total Warnings: 11  
 Total Errors: 19  
 No. of SeqIDs Defined: 5  
 Actual SeqID Count: 5

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 112	Upper case found in data; Found at position(31) SeqId(5)
W 112	Upper case found in data; Found at position(32) SeqId(5)
W 112	Upper case found in data; Found at position(33) SeqId(5)
E 259	Found undefined lettercode; POS (35) SEQID(5)
E 259	Found undefined lettercode; POS (36) SEQID(5)
E 259	Found undefined lettercode; POS (37) SEQID(5)
E 259	Found undefined lettercode; POS (38) SEQID(5)
E 259	Found undefined lettercode; POS (39) SEQID(5)
E 259	Found undefined lettercode; POS (40) SEQID(5)
E 259	Found undefined lettercode; POS (41) SEQID(5)
E 259	Found undefined lettercode; POS (42) SEQID(5)
E 254	The total number of bases conflicts with running total, Input: 1, Calculated : 42 SEQID(5)
W 112	Upper case found in data; Found at position(42) SeqId(5)
W 112	Upper case found in data; Found at position(43) SeqId(5)

**Input Set:**

**Output Set:**

**Started:** 2009-06-08 13:36:58.000  
**Finished:** 2009-06-08 13:37:01.378  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 378 ms  
**Total Warnings:** 11  
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**No. of SeqIDs Defined:** 5  
**Actual SeqID Count:** 5

Error code	Error Description
W 112	Upper case found in data; Found at position(44) SeqId(5)
E 259	Found undefined lettercode; POS (46) SEQID(5)
E 259	Found undefined lettercode; POS (47) SEQID(5)
E 259	Found undefined lettercode; POS (48) SEQID(5)
E 259	Found undefined lettercode; POS (49) SEQID(5)
E 259	Found undefined lettercode; POS (50) SEQID(5)
E 259	Found undefined lettercode; POS (51) SEQID(5)
E 259	Found undefined lettercode; POS (52) SEQID(5)
E 259	Found undefined lettercode; POS (53) SEQID(5)
E 254	The total number of bases conflicts with running total, Input: 1, Calculated : 53 SEQID(5)
E 253	The number of bases differs from <211> Input: 31 Calculated:53

# SEQUENCE LISTING

<110> THE JOHNS HOPKINS UNIVERSITY

<120> PACKAGING CELL LINE FOR DIPHTHERIA TOXIN EXPRESSING  
NON-REPLICATING ADENOVIRUS

<130> 58799-PCT

<140> 10510592

<141> 2009-06-08

<150> PCT/US03/10735

<151> 2003-04-08

<150> 60/370,848

<151> 2002-04-08

<150> 60/435,138

<151> 2002-12-20

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<170> PatentIn Ver. 2.1

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<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 1

tccaggctct agagggacct catg

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<210> 2

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 2

aaaaggatcc tcctcgaaca cgtgg

25

<210> 3

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 3  
aaaaggatcc agcgggtgggc gggta 25

<210> 4  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 4  
gacgccatcc accgcagagg gggccagatc a 31

<210> 5  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 5  
tgatctggcc ccctctgcgg tggatggcgt c 31

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